**The Muskteers**

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Aditi and Nandi are very good friends and never want to go far from each other. Their friendship is defined in a string of '0' and '1' . Help them to check that they are far from each other or not. There is only one way to check, all 0's should be together, it means they are not far from each other.

**Input:**  
First line consists of the test case T. The only line of each test case consists of string , consisting of 0 and 1.

**Output:**  
If they are not far from each other print "YES" else "NO".

**Constraints:**  
1<=T<=100  
1<=|Length of string|<=10000

**Example:  
Input:**  
3  
000  
111  
0001110  
**Output:**  
YES  
NO  
NO

\*\*For More Examples Use Expected Output\*\*

<http://practice.geeksforgeeks.org/problems/the-muskteers/0>

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package javaapplication248;

import java.io.BufferedReader;

import java.io.IOException;

import java.io.InputStreamReader;

import java.util.ArrayList;

/\*\*

\*

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\*/

public class JavaApplication248 {

public static void main(String[] args) throws IOException {

// TODO code application logic here

BufferedReader br = new BufferedReader(new InputStreamReader(System.in));

int t = Integer.parseInt(br.readLine());

while(t-- > 0) {

String s = br.readLine().trim();

String ans ="YES";

if(!s.contains("0")) {

ans = "NO";

}

if(s.contains("01") && s.contains("10")) {

if(s.indexOf("01") < s.lastIndexOf("10")) {

ans = "NO";

}

}

System.out.println(ans);

}

}

}